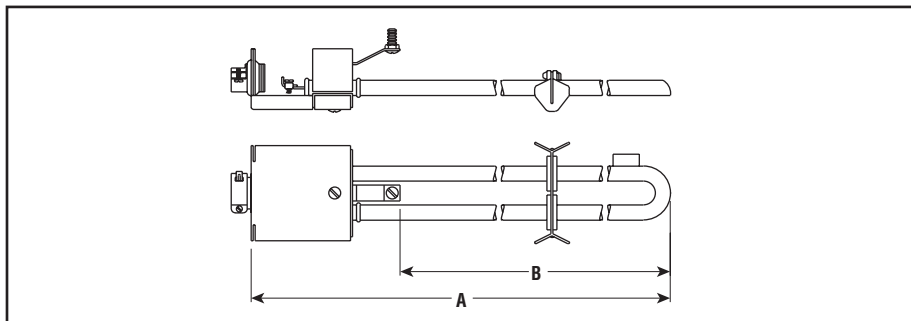


## RUTU

### Single Hairpin Element Radiant Heater Assembly



*Dimensions (Inches)*



- 3.66 kW/Ft<sup>2</sup>
- 0.8 - 3.6 kW
- 120, 208, 240, 275 and 480 Volt
- 3/8" Dia. INCOLOY® Sheath Elements (type UTU)
- 1500°F Max. Sheath Temp.

#### Applications

- High Intensity Applications
- Fast-Moving Webs and other applications where high temperatures will not damage materials
- Roll Heating
- Shrink Fitting
- Preheat Glass for Polishing, Drying, Sterilizing

#### Features

**Broad Range of Sizes** — Used alone or in combination RTU element assemblies offer same range of dimensions as type U-RAD.

**Easy Assembly** — Units are supplied with element support clips and support bolt and nut (requires drilled hole through reflector and housing) for changing U-RAD heating lengths and for replacing U-RAD elements. RUTU is also used by itself as a radiant heating device by many Chromalox customers.

#### Construction

**Enclosed Chromalox Alloy-Sheath Tubular Heating Element** is completely isolated and supported on secondary insulation for improved electrical safety. Designed for long life, the element is more resistant to hard blows than quartz lamp or tube and open coil types.

#### Specifications and Ordering Information

| kW  | Volts | Length (In.) |          | Model   | Stock | PCN    | Replacement Elements <sup>1</sup> | Wt. (Lbs.) |
|-----|-------|--------------|----------|---------|-------|--------|-----------------------------------|------------|
|     |       | Overall A    | Heated B |         |       |        |                                   |            |
| 0.8 | 120   | 12-1/4       | 7-1/2    | RUTU-2  | S     | 111616 | UTU-2                             | 2          |
| 0.8 | 208   | 12-1/4       | 7-1/2    | RUTU-2V | NS    | 111624 | UTU-2V                            | 2          |
| 0.8 | 240   | 12-1/4       | 7-1/2    | RUTU-2  | S     | 111632 | UTU-2                             | 2          |
| 0.8 | 275   | 12-1/4       | 7-1/2    | RUTU-2V | NS    | 111640 | UTU-2V                            | 2          |
| 1.1 | 120   | 15-5/16      | 10-5/16  | RUTU-3  | NS    | 111659 | UTU-3                             | 3          |
| 1.1 | 208   | 15-5/16      | 10-5/16  | RUTU-3V | NS    | 111667 | UTU-3V                            | 3          |
| 1.1 | 240   | 15-5/16      | 10-5/16  | RUTU-3  | S     | 111675 | UTU-3                             | 3          |
| 1.1 | 275   | 15-5/16      | 10-5/16  | RUTU-3V | NS    | 111683 | UTU-3V                            | 3          |
| 1.8 | 208   | 23-1/8       | 18-3/8   | RUTU-4V | NS    | 111704 | UTU-4V                            | 4          |
| 1.8 | 240   | 23-1/8       | 18-3/8   | RUTU-4  | NS    | 111691 | UTU-4                             | 4          |
| 1.8 | 275   | 23-1/8       | 18-3/8   | RUTU-4V | NS    | 111712 | UTU-4V                            | 4          |
| 1.8 | 480   | 23-1/8       | 18-3/8   | RUTU-4  | S     | 114569 | UTU-4                             | 4          |
| 2.5 | 208   | 30-7/16      | 25-11/16 | RUTU-5V | NS    | 111739 | UTU-5V                            | 5          |
| 2.5 | 240   | 30-7/16      | 25-11/16 | RUTU-5  | NS    | 111720 | UTU-5                             | 5          |
| 2.5 | 275   | 30-7/16      | 25-11/16 | RUTU-5V | NS    | 111755 | UTU-5V                            | 5          |
| 2.5 | 480   | 30-7/16      | 25-11/16 | RUTU-5  | S     | 111747 | UTU-5                             | 5          |
| 3   | 208   | 36-3/8       | 31-5/8   | RUTU-6V | NS    | 111771 | UTU-6V                            | 6          |
| 3   | 240   | 36-3/8       | 31-5/8   | RUTU-6  | NS    | 111763 | UTU-6                             | 6          |
| 3   | 275   | 36-3/8       | 31-5/8   | RUTU-6V | NS    | 111798 | UTU-6V                            | 6          |
| 3   | 480   | 36-3/8       | 31-5/8   | RUTU-6  | S     | 111780 | UTU-6                             | 6          |
| 3.6 | 208   | 42-3/8       | 37-5/8   | RUTU-7V | NS    | 111819 | UTU-7V                            | 7          |
| 3.6 | 240   | 42-3/8       | 37-5/8   | RUTU-7  | NS    | 111800 | UTU-7                             | 7          |
| 3.6 | 275   | 42-3/8       | 37-5/8   | RUTU-7V | NS    | 111835 | UTU-7V                            | 7          |
| 3.6 | 480   | 42-3/8       | 37-5/8   | RUTU-7  | NS    | 111827 | UTU-7                             | 7          |

**Stock Status:** S = stock NS = non-stock

**To Order**—Specify model, PCN, kW, volts, quantity and replacement elements (if needed).

1. Refer to Tubular Heaters section.